

Provide rotatable  
stamp, e.g. on  
fixed axle (1)



Ink surface of  
stamp (e.g. with  
cylindrical inking  
pod) (2)



Run sheet of  
substrate material  
over inked  
stamp (3)



Pass sheet  
with inked  
pattern to apparatus  
for etching or  
depositing materials (4)



Pass sheet to  
mechanism to  
remove ink (5)

FIG. 1

FIG. 1A

Roll stamp  
over film (4A)



Optionally expose  
cured film to  
O<sub>2</sub> plasma (3A)



Cure liquid  
to form film  
(e.g. elastomeric  
film) (2A)



Spin cast  
liquid (elastomeric  
material) onto a  
surface (1A)

FIG. 2A

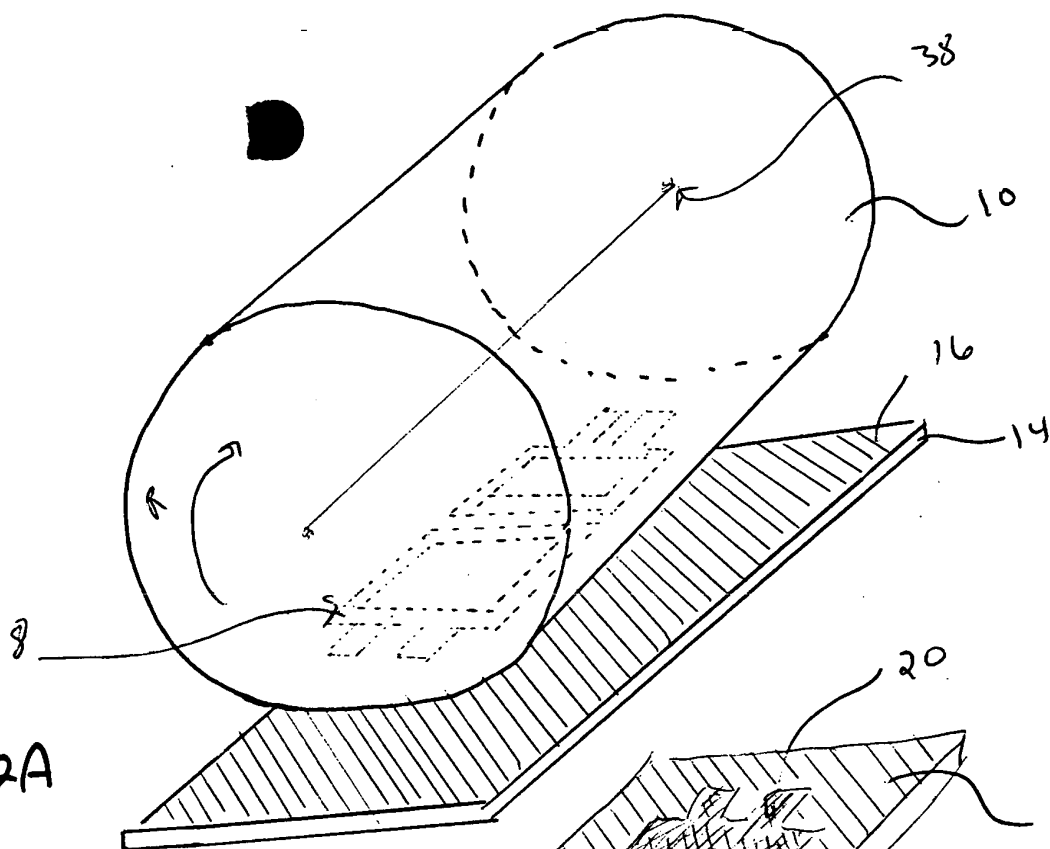


FIG. 2B

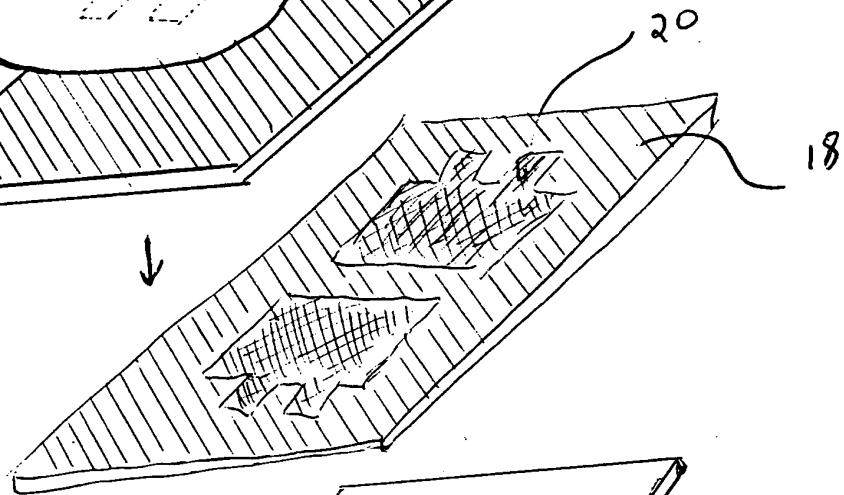


FIG. 2C

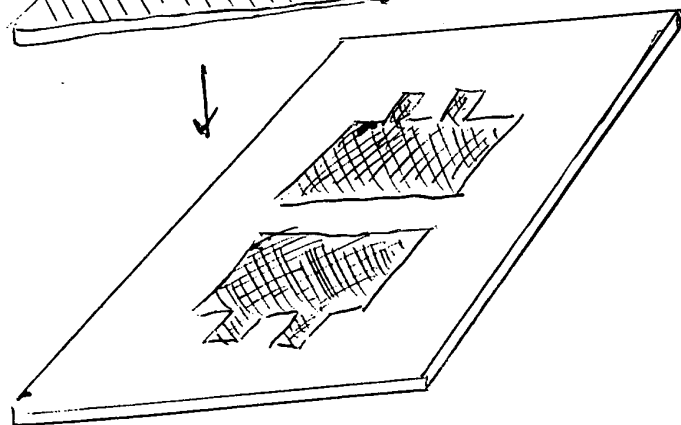


FIG. 2D

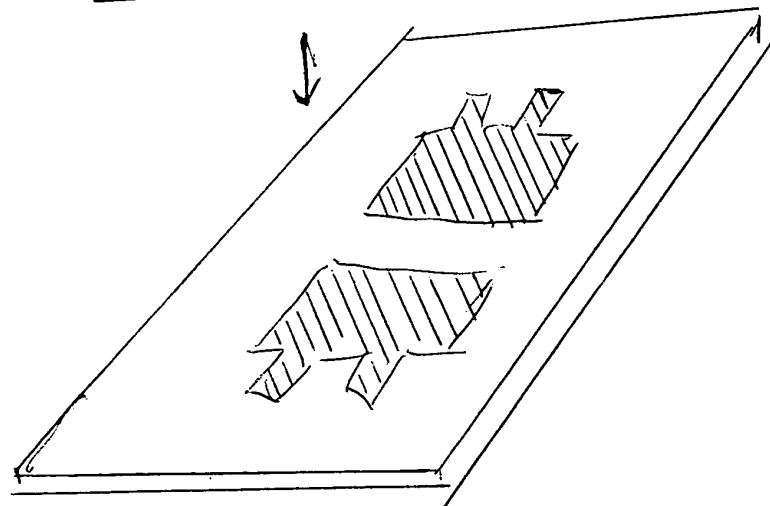


Fig. 3A

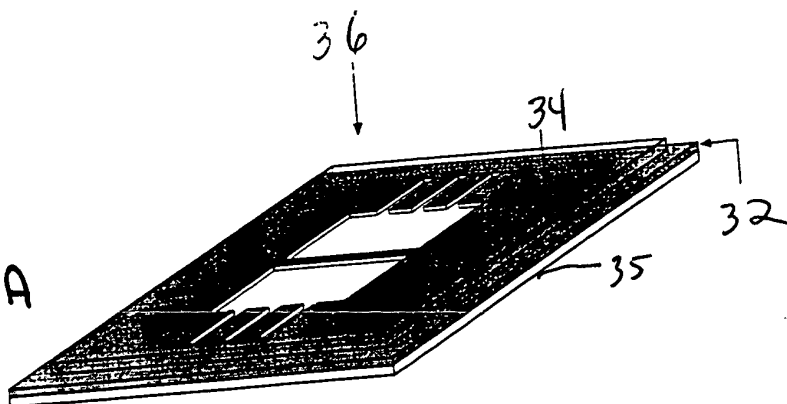


Fig. 3B

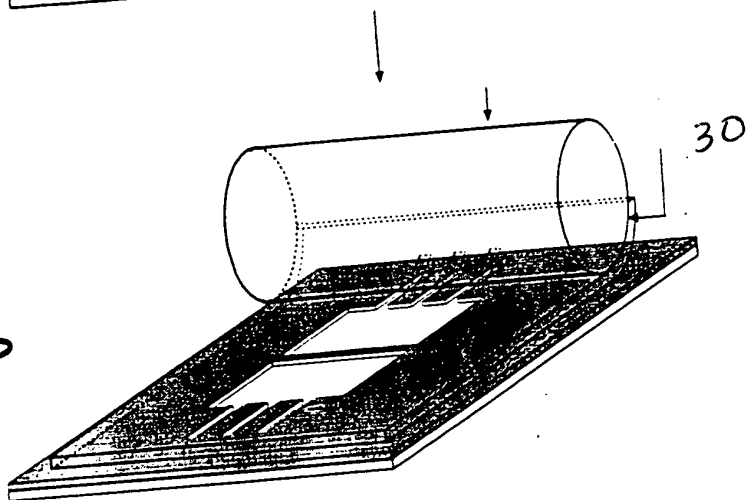
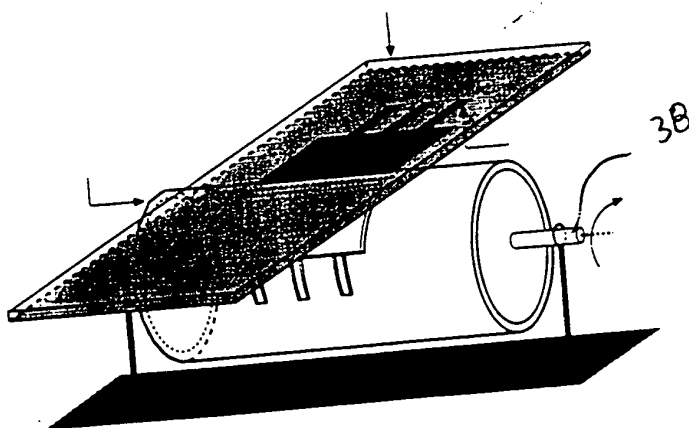


Fig. 3C



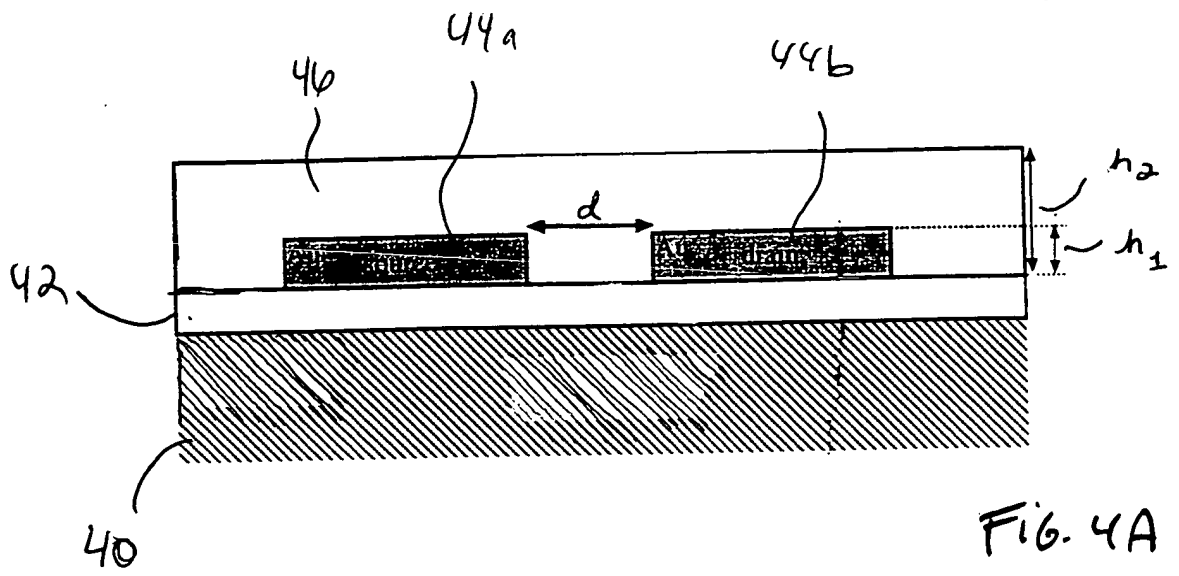


FIG. 4A

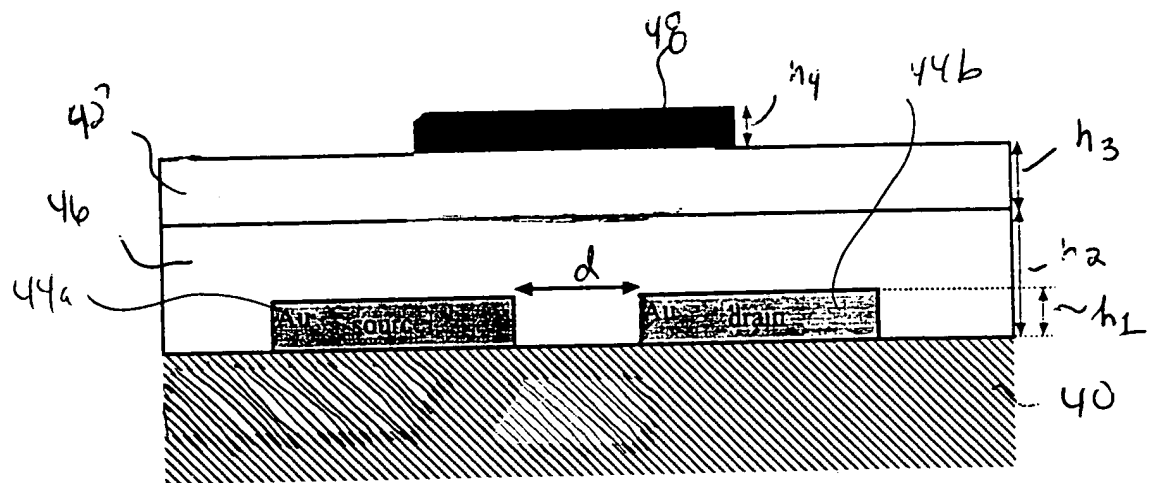


FIG. 4B

Fig. 5A

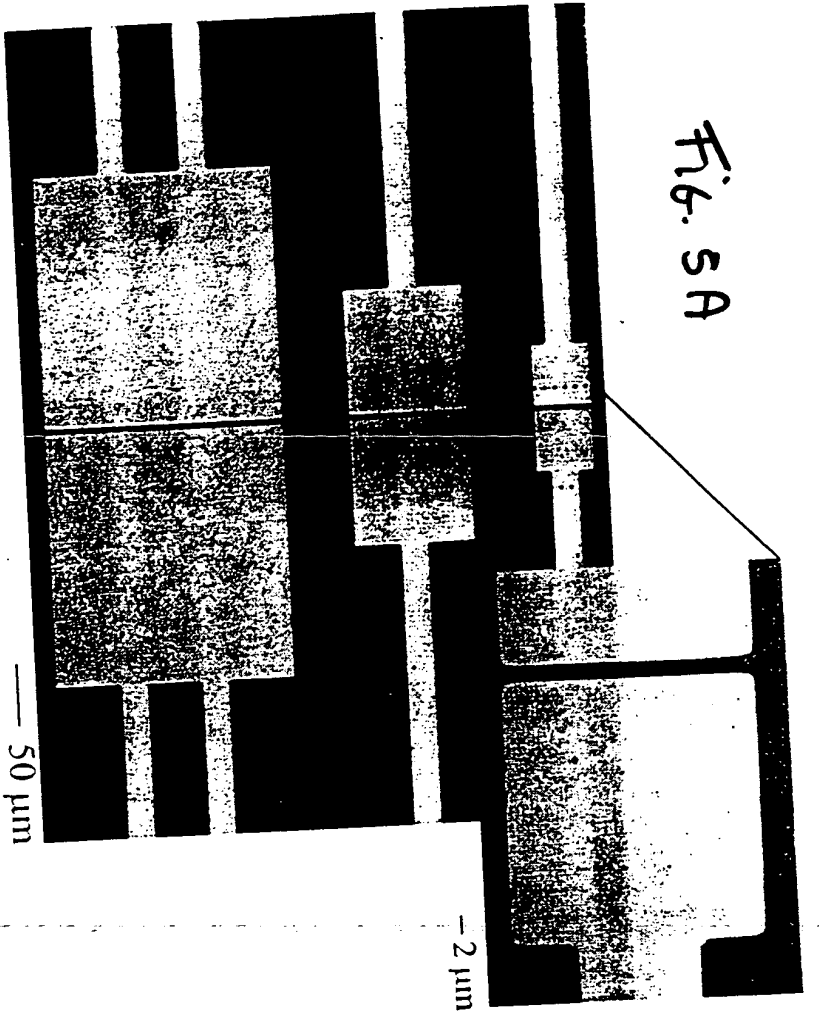


Fig. 5B

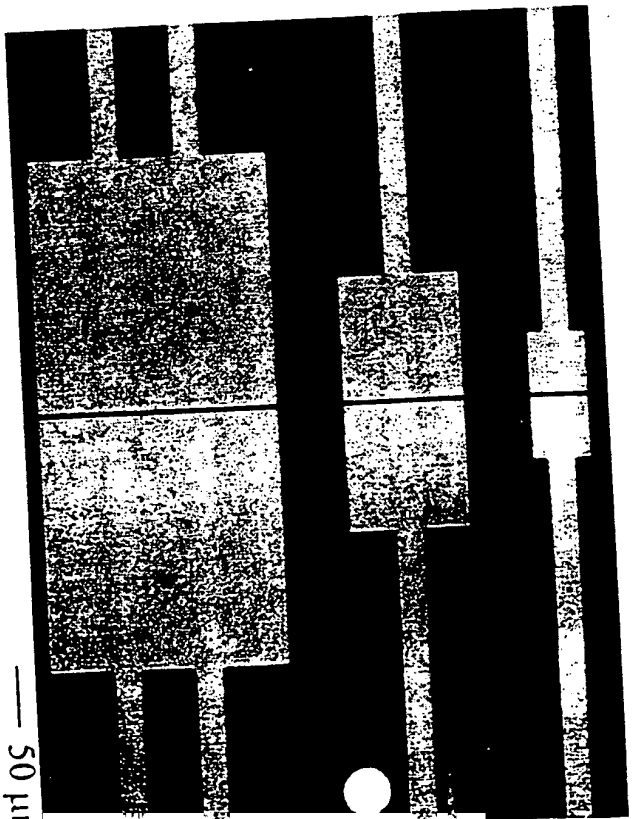


Fig. 6A

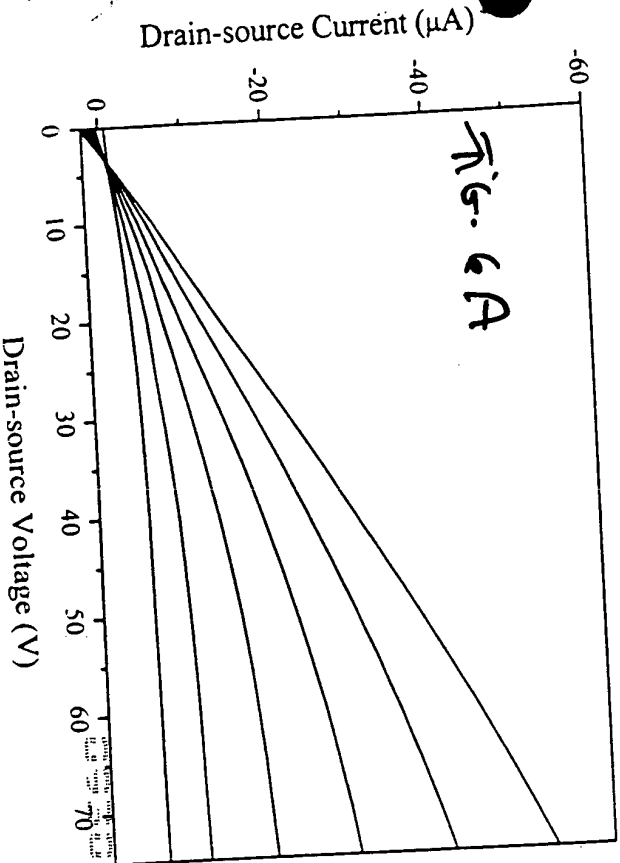
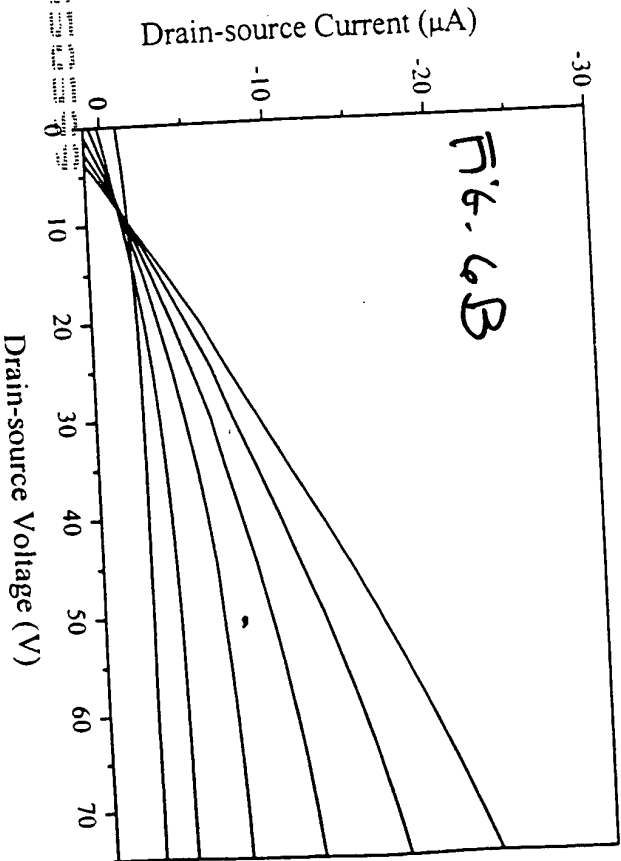


Fig. 6B



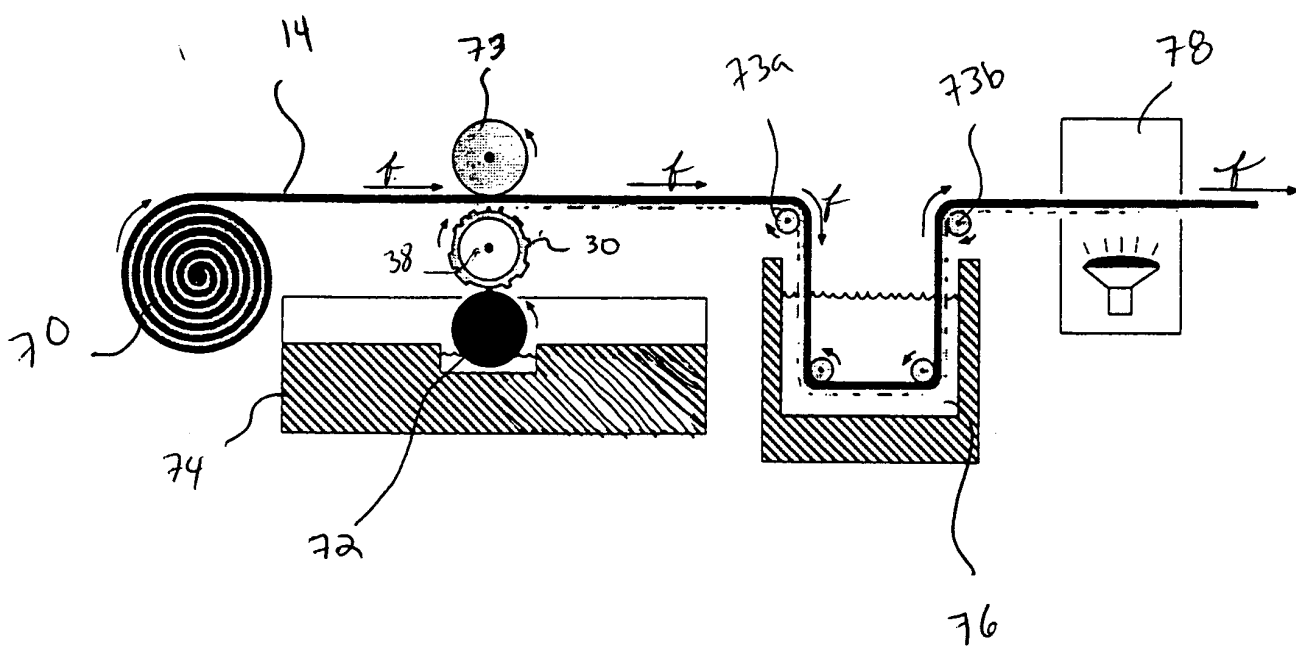


FIG 7